## PATENT APPLICATION FEE DETERMINATION RECORD Effective December 8, 2004

10/646351

| AL AIREA AA THE TO TAKE  |  |   |                    |                                    |              |                  |   | <del>-/</del>          |       |                            |                        |
|--|--|---|--------------------|------------------------------------|--------------|------------------|---|------------------------|-------|----------------------------|------------------------|
|  |  | CLAIMS A                                  | AS FILED<br>(Colum |                                    |              | umn 2)           | SMALL E                                 | SMALL ENTITY TYPE      |       | OTHER THAN OR SMALL ENTITY |                        |
| TOTAL CLAIMS   |  |   |                    |                                    |              |                  | RATE                                    | FEE                    | 7     | RATE                       | FEE                    |
| FOR  |  |   | NUMBEF             | NUMBER FILED                       |              | BER EXTRA        | BASIC FE                                | E 150.00               | OR    | BASIC FEE                  |                        |
| T  | OTAL CHARGE                              | ABLE CLAIMS                               | minus 20=          |                                    | *            |                  | X\$ 25≃                                 | · -                    | OR    | X\$50=                     |                        |
| INDEPENDENT CLAIMS   |  |   | minus 3 =          |                                    | *            |                  | X100=                                   |                        | OR    | X200=                      |                        |
| M  | ULTIPLE DEPE                             | NDENT CLAIM F                             | RESENT             |                                    |              |                  | +180=                                   |                        | OR    | +360=                      |                        |
| * If the difference in column 1 is less than zero, enter "0" in column 2 |  |   |                    |                                    |              | TOTAL            | <del> </del>                            | OR                     | TOTAL |                            |                        |
| CLAIMS AS AMENDED - PART II (Column 1) (Column 2) (Column 3)             |  |   |                    |                                    |              |                  | OTHER THAN SMALL ENTITY OR SMALL ENTITY |                        |       |                            |                        |
| <b>AMENDMENT A</b>   | 3/14/5                                   | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |                    | HIGHI<br>NUME<br>PREVIO<br>PAID F  | BER<br>BUSLY | PRESENT<br>EXTRA | RATE                                    | ADDI-<br>TIONAL<br>FEE |       | RATE                       | ADDI-<br>TIONAL<br>FEE |
|  | Total                                    | . 14                                      | Minus              | -25                                | 2_           | =                | X\$ 25=                                 |                        | OR    | X\$50=                     |                        |
|  | Independent + 2 FIRST PRESENTATION OF MU |   | Minus +++ 3        |                                    | CLAIM        | = -              | X100=                                   |                        | OR    | X200=                      |                        |
| L  | TINOT PRESI                              | ENTATION OF M                             |                    | PENDENT                            | CLAIM        |                  | +180=                                   |                        | OR    | +360=                      |                        |
|  |  |   |                    |                                    |              |                  | TOTAL<br>ADDIT. FEE                     |                        | OR    | TOTAL<br>ADDIT, FEE        |                        |
|  |  | (Column 1)                                |                    | (Colum                             | nn 2)        | (Column 3)       |   |                        | •     |                            |                        |
| AMENDMENT B  |  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |                    | HIGHE<br>NÜMB<br>PREVIO<br>PAID F  | BER<br>USLY  | PRESENT<br>EXTRA | RATE                                    | ADDI-<br>TIONAL<br>FEE |       | RATE                       | ADDI-<br>TIONAL<br>FEE |
|  | Total                                    | *   | Minus              | **                                 |              | =                | X\$ 25=                                 |                        | OR    | X\$50=                     |                        |
|  | Independent                              | *<br>ENTATION OF MI                       | Minus              | ***                                | CL AUA       | =                | X100=                                   |                        | OR    | X200=                      |                        |
| L  | TINOT PRESE                              | INTATION OF M                             | JETIPLE DEF        | PENDENT                            | CLAIM        |                  | +180=                                   |                        | OR    | +360=                      |                        |
|  |  |   |                    |                                    |              |                  | TOTAL<br>ADDIT, FEE                     |                        | OR    | TOTAL<br>ADDIT. FEE        |                        |
|  | (Column 1) (Column 2) (Column 3)         |   |                    |                                    |              |                  |   |                        |       |                            |                        |
| MEN  |  | CLAIMS<br>REMAINING<br>AFTER<br>AMENDMENT |                    | HIGHE<br>NUMB<br>PREVIOU<br>PAID F | ER<br>JSLY   | PRESENT<br>EXTRA | RATE                                    | ADDI-<br>TIONAL<br>FEE |       | RATE.                      | ADDI-<br>TIONAL<br>FEE |
|  | Total                                    | *   | Minus              | **                                 |              | =                | X\$ 25=                                 |                        | OR    | X\$50=                     |                        |
|  | Independent                              | * NTATION OF MU                           | Minus              | ***                                | CL AIM       | =                | X100=                                   |                        | OR    | X200=                      |                        |
|  | · iioi rnese                             | HANDA OF MU                               | CHPLE UE           |                                    | CC-CIIVI     |                  | +180=                                   |                        | OR    | +360=                      |                        |
|  |  | •   |                    |                                    |              |                  | .—                                      |                        | _     | <del>-</del> -             |                        |